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1c960 U.S. PTO  
05/25/01

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

11002 U.S. PTO  
09/065612  
05/25/01

Applicant(s): Brian A. Vaartstra Group Art Unit: Unassigned  
Serial No.: Unassigned Examiner: Unassigned  
Filed: Herewith Docket No.: 150.00810102

Title: METHODS, COMPLEXES, AND SYSTEMS FOR FORMING METAL-CONTAINING FILMS ON SEMICONDUCTOR STRUCTURES

Assistant Commissioner for Patents  
BOX PATENT APPLICATION  
Washington, D.C. 20231

#2/Pre-Amend  
A  
DEP AAS  
7/28/01

We are transmitting the following documents along with this Transmittal Sheet (which is submitted in triplicate):

- ☒ A return postcard.
- ☒ A check in the amount of \$788, for filing fee.
- ☐ A certified copy of a ☐ application, Serial No. ☐, filed ☐, the right of priority of which is claimed under 35 U.S.C. §119.
- ☒ Other: Request for Filing a Divisional Patent Application Under Rule 1.53(b) (3 pages); Copy of Utility Patent Application: Specification (18 pgs), Claims (38 claims on 8 pgs), 1 pg Abstract; Declaration (2 pages) and the Election Under §§ 3.71 and 3.73 and Power of Attorney (1 page), both as filed in the prior application; drawings (3 sheets).
- ☐ Amendment ☐ No Additional fee is required. ☐ The fee has been calculated as shown:

Fee Calculation for Claims Pending After Amendment					
	Pending Claims after Amendment (1)	Claims Paid for Earlier (2)	Number of Additional Claims (1-2)	Cost per Additional Claim	Additional Fees Required
Total Claims				x \$18 =	
Independent Claims				x \$80 =	
One or More New Multiple Dependent Claims Presented? If Yes, Add \$270 Here →					
Total Additional Claim Fees Required					

Please consider this a PETITION FOR EXTENSION OF TIME for a sufficient number of months to enter these papers and please charge any additional fees or credit overpayment to Deposit Account No. 13-4895. Triplicate copies of this sheet are enclosed.

CERTIFICATE UNDER 37 CFR §1.10:

"Express Mail" mailing label number: EL776903676US Date of Deposit: 25 May '01  
I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR §1.10 on the date indicated above and is addressed to the Assistant Commissioner for Patents, BOX PATENT APPLICATION, Washington, D.C. 20231.

By: Jacquelyn K. Torborg  
Name: Jacquelyn K. Torborg

(LARGE ENTITY TRANSMITTAL UNDER RULE 1.10)

MUETING, RAASCH & GEBHARDT, P.A.  
Customer Number: 26813

By: Ann M. Mueeting  
Name: Ann M. Mueeting  
Reg. No.: 33,977  
Direct Dial: 612-305-1217  
Facsimile: 612-305-1228

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Docket Number	Anticipated Classification		Prior Application	
150.00810102	Class	Subclass	Examiner G. Fourson III	Art Unit 2823

**REQUEST FOR FILING A DIVISIONAL PATENT APPLICATION  
UNDER RULE 1.53(b)**

Assistant Commissioner for Patents  
Attn: Box PATENT APPLICATION  
Washington, D.C. 20231

Sir:

This is a request for filing a divisional application under 37 CFR §1.53(b) of Serial No. 09/146,003, filed on 2 September 1998, entitled METHODS, COMPLEXES, AND SYSTEMS FOR FORMING METAL-CONTAINING FILMS ON SEMICONDUCTOR STRUCTURES by the following inventor(s) (name, address, and citizenship):

**Brian A. Vaartstra**  
**Address:** 3417 Braden Lane  
Nampa, ID 83686  
**Citizenship:** Canada

1. ☐ Enclosed is a copy of the specification (including claims, abstract, and drawings) as filed in the prior application.
2. ☒ Enclosed is a new specification (including claims and abstract). The entire disclosure of the prior application is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference.
3. ☒ Enclosed are copies of the Declaration and the Election Under §§ 3.71 and 3.73 and Power of Attorney, both as filed in the prior application.
4. ☐ Enclosed is a newly executed Declaration and Power of Attorney.
5. ☒ Enclosed are formal drawings (3 sheets).
6. ☒ Cancel in this application claims 1-17 before calculating the filing fee. (At least one independent claim must be retained for filing purposes.)
7. ☐ A preliminary amendment is enclosed.

Filed: Herewith

Title: METHODS, COMPLEXES, AND SYSTEMS FOR FORMING METAL-CONTAINING FILMS ON SEMICONDUCTOR STRUCTURES

8. X The filing fee is calculated below:

CLAIMS AS FILED			
NUMBER FILED	NUMBER EXTRA	RATE	BASIC FEE \$710
Total Claims 21-20 =	1	\$18	\$18
Independent Claims 3-3 =	0	\$80	\$0
MULTIPLE DEPENDENT CLAIM PRESENTED		\$270	\$0
FILING FEE:			\$788

9. X A check in the amount of \$788 is attached.

10. X The Commissioner is hereby authorized to charge any additional fees as set forth in 37 CFR §1.16 to 1.18 which may be required by this paper or credit any overpayment to Account No. 13-4895.

11.    This application is being filed by less than all of the inventors named in the prior application. Please delete the names of the following inventor(s) who are not inventors of the invention claimed in the present application:

12. X Amend the specification by inserting as the first sentence on page 1, the following: This is a division of application Serial No. 09/146,003, filed 2 September 1998, (pending), which is incorporated herein by reference.--

13.    Priority of foreign application Serial No.   , filed on    in (country)    is claimed under 35 U.S.C. §119.

14. X The prior application is assigned of record to Micron Technology, Inc.

15. X The Power of Attorney in the prior application is to:

**Ann M. Mueting**  
 Mueting, Raasch & Gebhardt, P.A.  
 P.O. Box 581415  
 Minneapolis, MN 55458-1415  
**Customer Number 26813**

Filed: Herewith

Title: METHODS, COMPLEXES, AND SYSTEMS FOR FORMING METAL-CONTAINING FILMS ON SEMICONDUCTOR STRUCTURES

16. ☐ Small Entity Status is entitled to be asserted in the above-identified application.

**Address all future communications to:**

MUETING, RAASCH & GEBHARDT, P.A.

P.O. Box 581415

Minneapolis, Minnesota 55458-1415

Customer Number 26813

Attn: Ann M. Mueeting

(Telephone: 612-305-1220)

(Facsimile: 612-305-1228)

Date:

May 25, 2001

Ann M. Mueeting

Ann M. Mueeting

Reg. No. 33,977

Direct Dial (612)305-1217

"Express Mail" mailing label number EL 776903676 US

Date of Deposit 25 May 2001

I hereby certify that this paper and/or fee is/are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. 1.10 on the date indicated above and is addressed to the Assistant Commissioner for Patents, Attn: Box PATENT APPLICATION, Washington, D. C. 20231.

Jacquelyn K. Torborg

Name: Jacquelyn K. Torborg